



DoD Numbers for Traumatic Brain Injury Worldwide – Totals

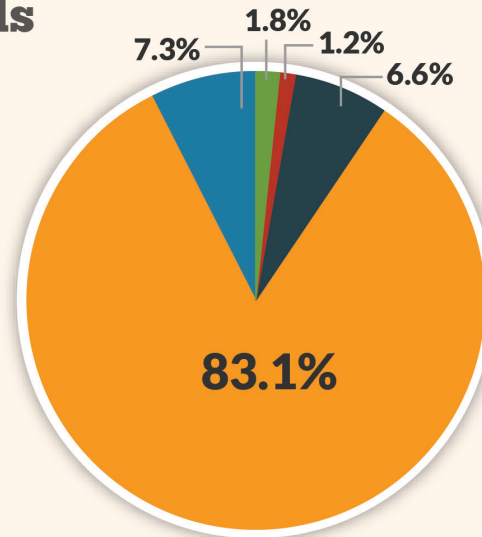
2009

Penetrating	506
Severe	342
Moderate	1,920
Mild	23,995
Not Classifiable	2,117

Total - All Severities 28,880

Source: Defense Medical Surveillance System (DMSS),
Theater Medical Data Store (TMDS) provided by the
Armed Forces Health Surveillance Center (AFHSC)

Prepared by the Defense and Veterans Brain Injury Center (DVBIC)



2009, as of May 7, 2014

Worldwide numbers represent medical diagnoses of TBI that occurred anywhere U.S. forces are located including the continental United States since 2000.

Concussion/Mild TBI is characterized by the following: A confused or disoriented state which lasts less than 24 hours; loss of consciousness for up to 30 minutes; memory loss lasting less than 24 hours; and structural brain imaging (MRI or CT scan) yielding normal results.

Moderate TBI is characterized by the following: A confused or disoriented state which lasts more than 24 hours; loss of consciousness for more than 30 minutes, but less than 24 hours; memory loss lasting greater than 24 hours but less than seven days; and structural brain imaging yielding normal or abnormal results.

Severe TBI is characterized by the following: A confused or disoriented state which lasts more than 24 hours; loss of consciousness for more than 24 hours; memory loss for more than seven days; and structural brain imaging yielding normal or abnormal results.

Penetrating TBI, or open head injury, is characterized by the following: A head injury in which the dura mater, the outer layer of the meninges, is penetrated. Penetrating injuries can be caused by high-velocity projectiles or objects of lower velocity such as knives, or bone fragments from a skull fracture that are driven into the brain.

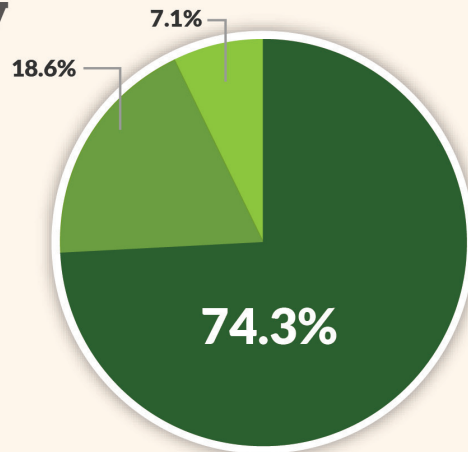


DoD Numbers for Traumatic Brain Injury Worldwide – Army

2009

Active	14,004
Guard	3,506
Reserve	1,332

Total - Army 18,842



Source: Defense Medical Surveillance System (DMSS),
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2009, as of May 7, 2014

Service	Component	Severity	Diagnosed
Army	Active	Penetrating	325
		Severe	183
		Moderate	866
		Mild	11,119
		Not Classifiable	1,511
	Guard	Penetrating	67
		Severe	49
		Moderate	245
		Mild	2,932
		Not Classifiable	213
	Reserve	Penetrating	17
		Severe	15
		Moderate	91
		Mild	1099
		Not Classifiable	110

2009 as of May 07, 2014

Source: Defense Medical Surveillance System (DMSS),
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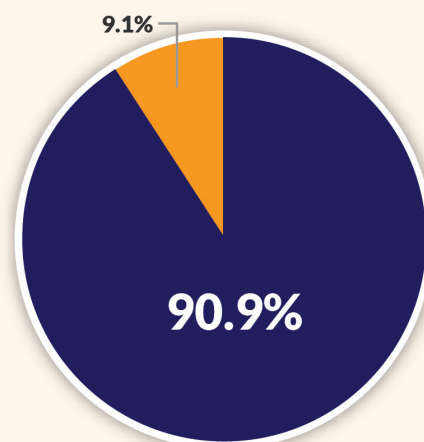


DoD Numbers for Traumatic Brain Injury Worldwide – Navy

2009

Active	2,733
Reserve	275

Total - Navy	3,008
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Prepared by the Defense and Veterans Brain Injury Center (DVBIC)

2009, as of May 7, 2014

Service	Component	Severity	Diagnosed
Navy	Active	Penetrating	24
		Severe	17
		Moderate	168
		Mild	2,446
		Not Classifiable	78
	Reserve	Penetrating	3
		Severe	3
		Moderate	28
		Mild	228
		Not Classifiable	13

2009 as of May 07, 2014

Source: Defense Medical Surveillance System (DMSS),
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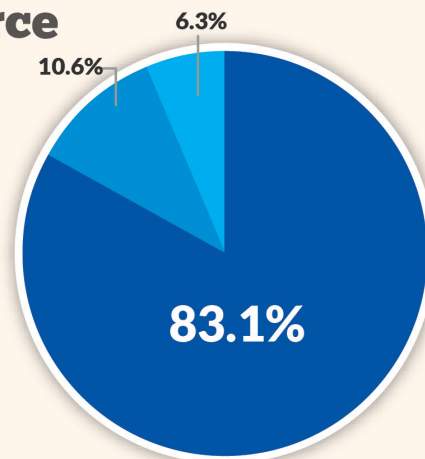


DoD Numbers for Traumatic Brain Injury Worldwide – Air Force

2009

Active	2,688
Guard	344
Reserve	203

Total - Air Force **3,235**



Source: Defense Medical Surveillance System (DMSS),
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Armed Forces Health Surveillance Center (AFHSC)

Prepared by the Defense and Veterans Brain Injury Center (DVBIC)

2009, as of May 7, 2014

Service	Component	Severity	Diagnosed
Air Force	Active	Penetrating	23
		Severe	22
		Moderate	194
		Mild	2,400
		Not Classifiable	49
	Guard	Penetrating	2
		Severe	1
		Moderate	27
		Mild	305
		Not Classifiable	9
	Reserve	Penetrating	1
		Severe	4
		Moderate	16
		Mild	177
		Not Classifiable	5

2009 as of May 07, 2014

Source: Defense Medical Surveillance System (DMSS),
Theater Medical Data Store (TMDS) provided by the Armed Forces Health Surveillance Center (AFHSC)

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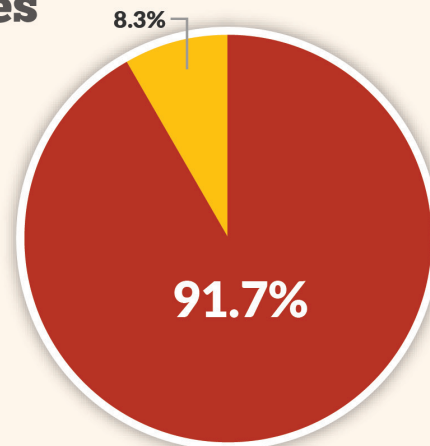


DoD Numbers for Traumatic Brain Injury Worldwide – Marines

2009

Active	3,481
Reserve	314

Total - Marines	3,795
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Theater Medical Data Store (TMDS) provided by the
Armed Forces Health Surveillance Center (AFHSC)

Prepared by the Defense and Veterans Brain Injury Center (DVBIC)

2009, as of May 7, 2014

Service	Component	Severity	Diagnosed
Marines	Active	Penetrating	42
		Severe	46
		Moderate	263
		Mild	3,018
		Not Classifiable	112
	Reserve	Penetrating	2
		Severe	2
		Moderate	22
		Mild	271
		Not Classifiable	17

2009 as of May 07, 2014

Source: Defense Medical Surveillance System (DMSS),
Theater Medical Data Store (TMDS) provided by the Armed Forces Health Surveillance Center (AFHSC)

Prepared by the Defense and Veterans Brain Injury Center (DVBIC)